

Converting Colors

YUV(64.0840, 72.9226,
-56.2017)

Have a look what the booklet for
YUV(64.0840, 72.9226, -56.2017)
contains.

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Color

**YUV(64.0840, 72.9226,
-56.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	0044D4
RGB	0, 68, 212
RGB Percent	0%, 27%, 83%
CMY	1.0000, 0.7333, 0.1686
CMYK	1.00, 0.68, 0.00, 0.17
HSL	221°, 100%, 42%
HSV	221°, 100%, 83%
XYZ	13.9508, 8.8877, 63.2676
YIQ	64.0840, -86.7520, 30.3680

Conversions

Conversions Part 2

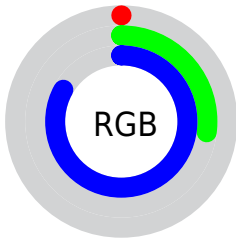
Format	Color
R _{YB}	0, 51, 212
Decimal	17620
CIE Lab	35.77, 40.61, -77.64
CIE LCh	36, 87.620, 297.615
Yxy	8.8877, 0.1620, 0.1032
Android (android.graphics.Color)	4278207700 (0xFF0044D4)
YUV	64.0840, 72.9226, -56.2017
Hunter-Lab	29.8123, 31.3584, -104.9566

Details

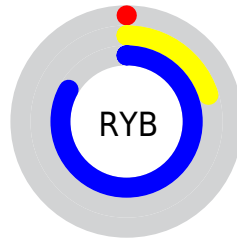
The YUV color **64.0840, 72.9226, -56.2017** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **147.9160, -72.9226, 56.2017**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2580, 62.4838, -21.2743**, and **33.0460, 60.6163, -28.9813** is the 20% darker color. If you saturate the color by 10%, you get **64.0840, 72.9226, -56.2017**, and if you desaturate by 10%, it is **78.5810, 65.7756, -50.4985**.

Distribution



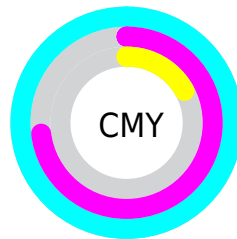
- Red (0%)
- Green (27%)
- Blue (83%)



- Red (0%)
- Yellow (20%)
- Blue (83%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (73%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0840, 72.9226, -56.2017 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 64.0840, 72.9226, -56.2017 by changing the saturation by 10% instead.

■ 64.0840, 72.9226,
-56.2017

■ 64.0840, 72.9226,
-56.2017

■ 255.0000, 0.0000,
0.0000

■ 47.9780, 67.0588,
-42.0767

■ 128.2580, 62.4838,
-21.2743

■ 33.0460, 60.6163,
-28.9813

■ 153.3870, 50.0952,
-14.3714

■ 19.9890, 53.7424,
-17.5304

■ 177.9180, 38.0014,
-8.6981

■ 11.7420, 44.9902,
-10.2977

■ 203.3350, 25.4708,
-2.9248

■ 14.7620, 31.1763,
-12.9463

■ 229.0400, 12.7983,
1.7189

■ 9.0910, 22.1401,
-7.9728

■ 253.2390, 0.8682,

■ 4.8220, 13.3988,

1.5444

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 64.0840, 72.9226,
-56.2017

■ 78.5810, 65.7756,
-50.4985

■ 93.6650, 58.3392,
-45.3102

■ 108.4610, 51.0447,
-38.9923

■ 123.5450, 43.6083,
-33.8040

■ 138.0420, 36.4613,
-28.1008

■ 152.5390, 29.3143,
-22.3977

■ 167.6230, 21.8779,
-17.2094

■ 182.4190, 14.5834,
-10.8915

■ 197.5030, 7.1470,
-5.7031

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0450, 71.9558, -72.8305



64.0840, 72.9226, -56.2017



65.2970, 47.1816, 80.4235

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0840, 72.9226, -56.2017



71.0210, -35.0134, 77.1576



72.6470, 1.6530, -63.7114

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.0840, 72.9226, -56.2017



147.9160, -72.9226, 56.2017

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.2220, -30.6754, -54.5687



64.0840, 72.9226, -56.2017



79.2520, -39.0712, 25.2120

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0840, 72.9226, -56.2017



60.2580, -17.3822, 115.5377



66.4960, -32.7825, -32.0070



81.4420, 32.8131, -71.4246

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0840, 72.9226, -56.2017



69.4360, 22.9561, 103.9806



66.4960, -32.7825, -32.0070



69.2100, -8.9775, -60.6972

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.0840, 72.9226, -56.2017



201.7520, 26.2513, -19.9535



140.5180, 0.2376, -123.2343



95.4620, 16.0412, -11.8062



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0840, 72.9226, -56.2017



77.2040, 87.6534, -67.7079



34.6330, 87.4419, 0.3219



99.6020, 3.6472, -3.1590



51.7790, 58.7760, -45.4102



13.1200, 14.7308, -11.5062

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.1400, -1.5480, 123.5342



85.5930, -1.7713, 148.5699



177.3670, -87.4419, -0.3219



99.7450, 0.1257, 6.3626



57.3990, -1.1827, 99.6281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 64.0840, 72.9226, -56.2017 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 64.0840, 72.9226, -56.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

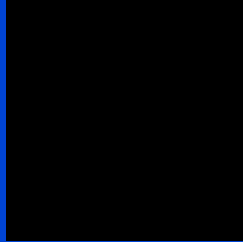
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 64.0840, 72.9226, -56.2017

Background



This preview shows how black text looks on a background with the YUV color 64.0840, 72.9226, -56.2017.



This preview shows how white text looks on a background with the YUV color 64.0840, 72.9226, -56.2017.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Deuteranopia

67.1260, 38.8849, -58.8695

Tritanopia

65.7630, 15.8928, -57.6742

Trichromacy



Deuteranomaly

65.7530, 51.3938, -57.6654

Tritanomaly

65.1540, 36.4061, -57.1401

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8660, 26.6881, -20.0535

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0840, 72.9226, -56.2017 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 68, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 68, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 212) }
```

Border

The CSS property to change the border of an element to YUV 64.0840, 72.9226, -56.2017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 68, 212) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 68, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 68, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 212)  
}
```


Background

The CSS property to change the background color of an element to YUV 64.0840, 72.9226, -56.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 68,  
212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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